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Committee on the Peaceful Uses of Outer Space

Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 19 October 2000 from the Permanent Mission of Sweden to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Sweden to the United Nations (Vienna) presents its compliments to the Secretary-General of the United Nations and, in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space,* has the honour to transmit new information concerning the television broadcasting satellite SIRIUS 1 (see annex).

* General Assembly resolution 3235 (XXIX), annex, of 12 November 1974.

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Annex

Registration of objects launched into outer space*

Launching State: United States of America

Name and registration number: SIRIUS 1 (ex-Marco Polo 1, 1989-067A)

Date and territory of launch: 1989-08-27, 22:59:00 in Florida, United States of America

Basic orbital parameters:

Nodal period: 24 h (geosynchronous)
Inclination: 0.8° (June 2000)
Apogee: 35,790 kilometres
Position: 13°W

General description and mission of the space object: High-power television broadcasting satellite; five active transponders with redundancy; power output, 55 W per transponder; coverage area—Sweden and part of neighbouring countries; mission period estimated to be about 14 years

Frequencies

Satellite operations:

Telecommand 14.00125 GHz
Telecommand 14.499 GHz (omni mode)
Telemetry 12.494 and 12.495 GHz

Channels for Broadcasting Satellite Service as defined in the Radio Regulations, appendix S30/S30A: 4, 8, 12, 16 and 20

* The registration data are reproduced in the form in which they were received.